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	Application No.	Applicant(s)	
Notice of Allowability	09/600,712	APPLETON ET AL.	
	Examiner	Art Unit	
	Laura C Cole	1744	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.31	(OR REMAINS) CLOSED in thi) or other appropriate communic RIGHTS. This application is subj	s application. If not included ation will be mailed in due course	e. THIS e initiative
1. This communication is responsive to 11 July 2003.			
2. The allowed claim(s) is/are 24-50.			
3. The drawings filed on <u>11 July 2003</u> are accepted by the E		_	
 4.	nder 35 U.S.C. § 119(a)-(d) or (f).	
 Certified copies of the priority documents have 			
2. Certified copies of the priority documents have	• • • • • • • • • • • • • • • • • • • •		
3. Copies of the certified copies of the priority do	ocuments have been received in	this national stage application from	om the
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received: 5. Acknowledgment is made of a claim for domestic priority u	under 35 I I S C & 110(a) (to a pr	ovisional application) since a sec	acific
reference was included in the first sentence of the specific			, Cili C
(a) The translation of the foreign language provisional			
 Acknowledgment is made of a claim for domestic priority using the first sentence of the specification or in an Application 		21 since a specific reference was	included
Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of	of this communication to file a regret this application. THIS THREE-	oly complying with the requiremer	nts noted NDABLE.
7. A SUBSTITUTE OATH OR DECLARATION must be subminformal patent application (PTO-152) which give			∃ OF
 8. ☐ CORRECTED DRAWINGS (as "replacement sheets") mu (a) ☐ including changes required by the Notice of Draftsper 1) ☐ hereto or 2) ☐ to Paper No 		PTO-948) attached	
(b) \boxtimes including changes required by the proposed drawing (c) \square including changes required by the attached Examiner		• • • • • • • • • • • • • • • • • • • •	
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in			of
9. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT FOR 1			ıe
Attachment(s)			
1☐ Notice of References Cited (PTO-892)	5 ☐ Notice of Information	al Patent Application (PTO-152)	
 2 Notice of Draftperson's Patent Drawing Review (PTO-948) 3 Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No 	6⊠ Interview Summ	ary (PTO-413), Paper No. <u>020520</u>	<u>)04</u> .
	8), 7⊠ Examiner's Ame	ndment/Comment	
4 Examiner's Comment Regarding Requirement for Deposit of Biological Material	8⊠ Examiner's State 9∐ Other	ement of Reasons for Allowance	

Art Unit: 1744

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Daniel Schein on 05 February 2004.

The application has been amended as follows:

In the Claims:

Claim 24 Line 3 between "bodies" and "towards" please insert "generally axially"

Claim 24 Line 6 after "first direction" please insert "that has a radial component"

Claim 24 Line 7 delete "corresponding said body" and in its place insert "body to which it is mounted"

Claim 24 Lines 7-8 delete "corresponding said body" and in its place insert "body to which it is mounted"

Claim 24 Line 8 after "moving" insert "each"

Claim 24 Line 9 delete "members" and in its place insert "member"

Claim 24 Line 9 delete "the respective" and in its place insert "at least a"

Claim 24, Line 9 delete "and/or second" and "thereof"

Claim 24 Line 10 delete "corresponding said body" and in its place insert "body to which it is mounted"

Art Unit: 1744

Claim 25 Line 2 delete "said interconnected bodies" and in its place insert "a plurality of said bodies"

Claim 26 Line 2 delete "said interconnected bodies" and in its place insert "a plurality of said bodies"

Claim 28 Line 2 after "wherein" insert "a plurality of"

Claim 28 Line 3 delete "the corresponding" and insert "at least one"

Claim 28 Line 3 delete "the"

Claim 28 Line 3 delete "thereof" and in its place insert "of said bristle carrying member"

Claim 47 Line 4 after "a surface by" insert "a generally axial"

The following is an examiner's statement of reasons for allowance:

There is no need to reinsert the paragraph that was inadvertently removed from the amended Specification of 11 July 2003.

The claims have been amended such that the claim objections and rejections made under 35 U.S.C. 112 second paragraph have been withdrawn.

None of the prior art made of record, including Simpson (USPN 6,460,616), Moon (USPN 2,552,339), and Thompson et al. (USPN 1,608,347), teach or suggest at least one moving device for generally axially moving at least one pair of adjacent bodies towards and away from each other *and* also wherein the bodies each have bristle-carrying members adapted to moved generally radially in a first direction away from the body and a second direction towards the body. Further, the device of Hapstack (USPN

Art Unit: 1744

5,018,451) includes a moving device to move a pair of adjacent bodies generally axially towards and away from each other, however the device of Hapstack does not include bristles and there is no motivation to combine Hapstack with any other art made of record.

Furthermore, "generally axially" and "generally radially" use the term "generally" since the bodies move in a direction that is axial and bristle carrying members on a body can move in a direction that radiates outward from or inward towards the body to which it is connected, but the vehicle must also respond to the shape or bending of the cleaning surface at the time of the motion (pipeline or conduit). Therefore, if the bodies are axially moving towards or away from each other at a point in a pipe where there is a bend or surface disruption, the movement of the bodies will be generally, but not completely axial (i.e., along a common axis).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laura C Cole whose telephone number is (571) 272-1272. The examiner can normally be reached on Monday-Thursday, 7:30am - 5pm, alternating Fridays.

Art Unit: 1744

Page 5

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Warden can be reached on (571) 272-1281. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-1300.

LCC

LCC

05 February 2004

ROBERT J. WARDEN, SR. SUPERVISORY PATENT EXAMINER

Polent 7. Warden In.

TECHNOLOGY CENTER 1700